

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035148.D
 Acq On : 19 Apr 2023 01:20
 Operator : JC/MD
 Sample : 02397-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM4

Quant Time: Apr 19 02:20:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

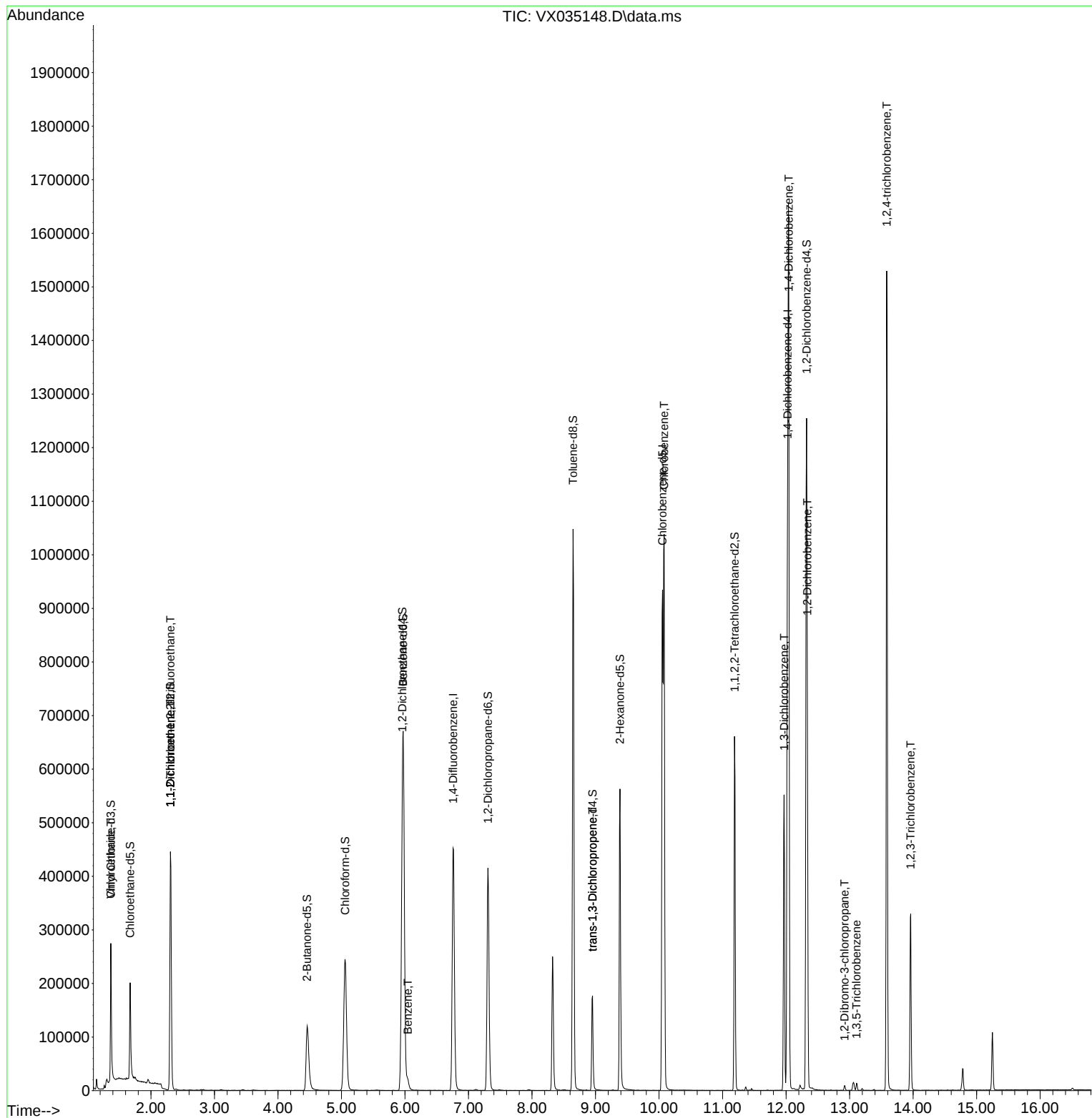
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	478600	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	419742	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	199015	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	165312	53.568	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.140%			
7) Chloroethane-d5	1.672	69	126051	56.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.060%			
11) 1,1-Dichloroethene-d2	2.306	65	81345	55.089	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.180%			
21) 2-Butanone-d5	4.458	46	229833	111.759	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.760%			
24) Chloroform-d	5.056	84	320220	55.100	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.200%			
26) 1,2-Dichloroethane-d4	5.958	65	211648	56.711	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.420%			
32) Benzene-d6	5.970	84	696497	57.764	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.520%			
36) 1,2-Dichloropropane-d6	7.305	67	214289	58.181	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 116.360%			
41) Toluene-d8	8.647	98	624494	56.670	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.340%			
43) trans-1,3-Dichloroprop...	8.951	79	85124	52.885	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.780%			
47) 2-Hexanone-d5	9.384	63	167126	112.995	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.990%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	249979	55.419	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.840%			
66) 1,2-Dichlorobenzene-d4	12.323	152	220764	57.242	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.480%			
Target Compounds						Qvalue
8) Chloroethane	1.367	64	11355	6.010	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	2289	0.730	ug/L #	19
12) 1,1-Dichloroethene	2.306	96	2071	0.724	ug/L #	1
33) Benzene	6.043	78	23228	1.827	ug/L	100
44) trans-1,3-Dichloropropene	8.951	75	3638	0.807	ug/L #	72
51) Chlorobenzene	10.079	112	463252	53.318	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	180460	29.239	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	524626	83.070	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	204949	32.750	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.920	75	1646	1.815	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.109	180	3476	0.911	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	355362	99.465	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	81807	23.194	ug/L	100

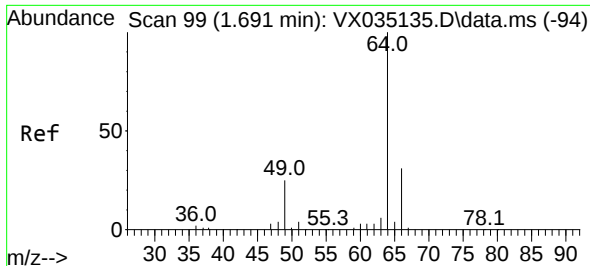
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 19 01:27:01 2023
Response via : Initial Calibration

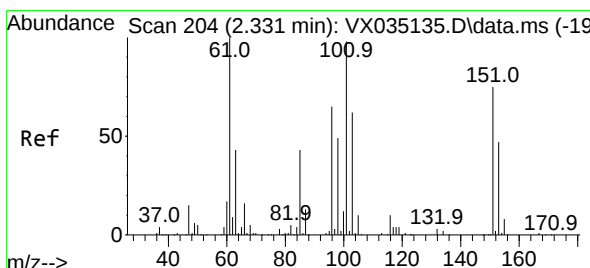
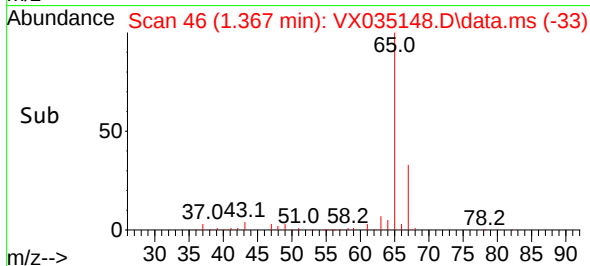
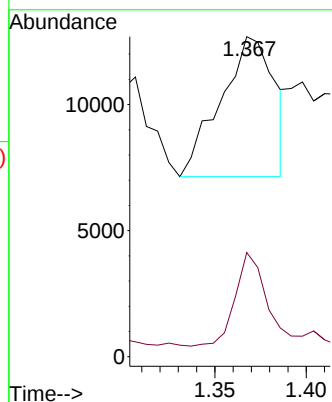
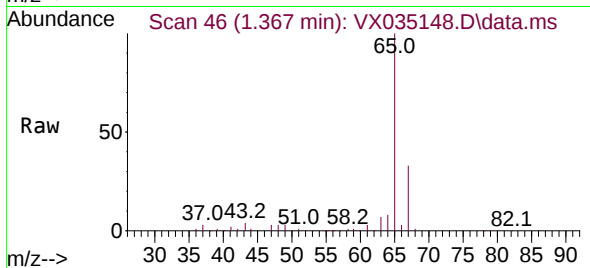




#8
Chloroethane
Concen: 6.010 ug/L
RT: 1.367 min Scan# 41
Delta R.T. -0.323 min
Lab File: VX035148.D
Acq: 19 Apr 2023 01:20

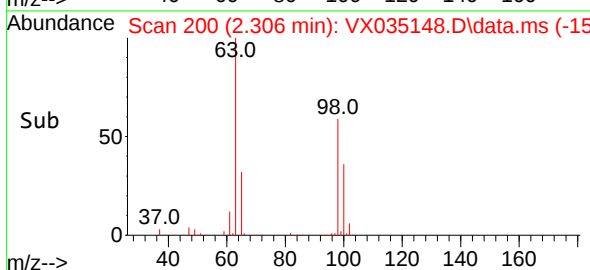
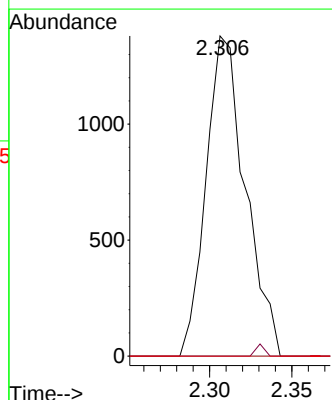
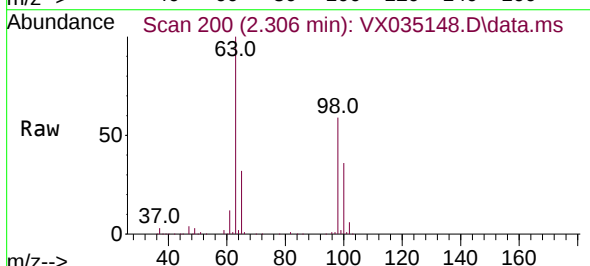
Instrument :
MSVOA_X
ClientSampleId :
COMM4

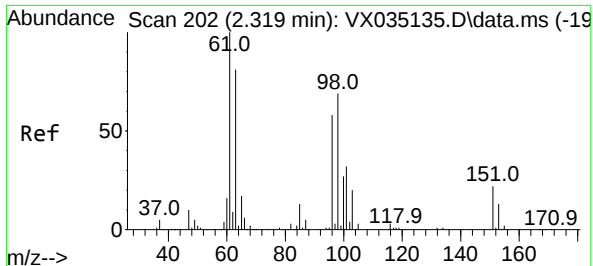
Tgt Ion: 64 Resp: 11355
Ion Ratio Lower Upper
64 100
66 32.5 21.9 40.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.730 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.024 min
Lab File: VX035148.D
Acq: 19 Apr 2023 01:20

Tgt Ion: 101 Resp: 2289
Ion Ratio Lower Upper
101 100
85 0.0 34.2 51.2#
151 0.0 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.724 ug/L

RT: 2.306 min Scan# 207

Delta R.T. -0.012 min

Lab File: VX035148.D

Acq: 19 Apr 2023 01:20

Instrument :

MSVOA_X

ClientSampleId :

COMM4

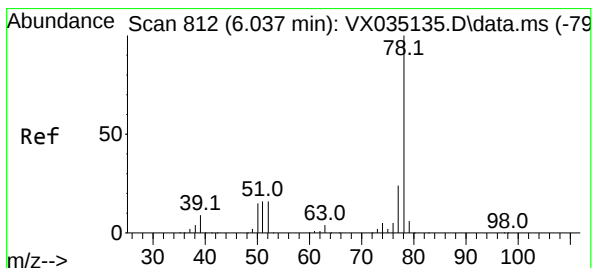
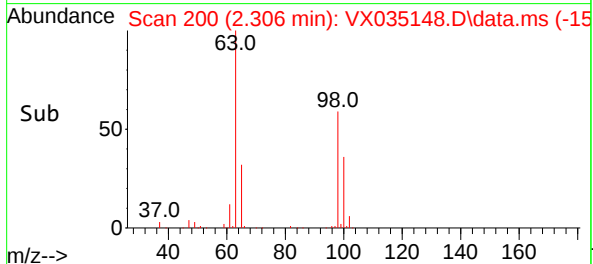
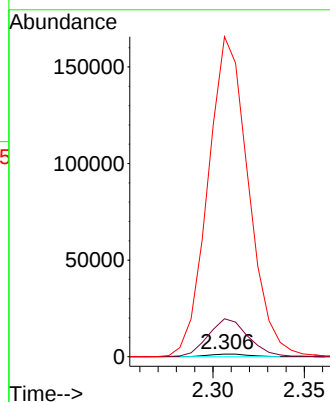
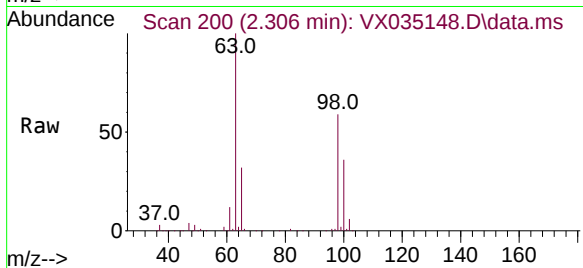
Tgt Ion: 96 Resp: 2071

Ion Ratio Lower Upper

96 100

61 1467.6 119.0 221.0#

63 12356.2 91.0 169.0#



#33

Benzene

Concen: 1.827 ug/L

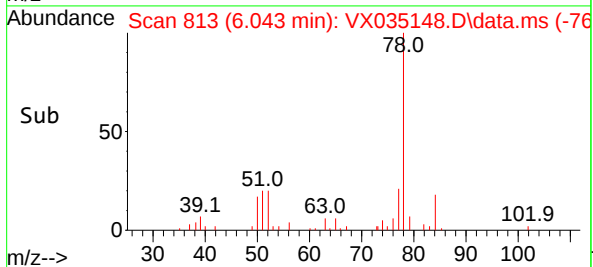
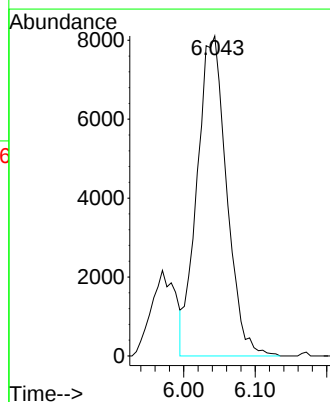
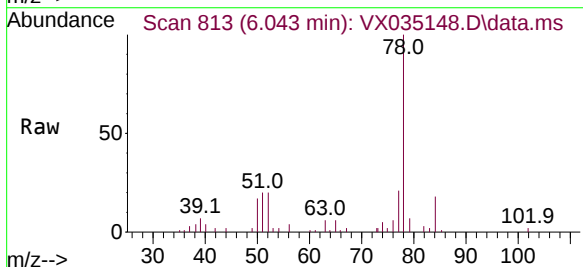
RT: 6.043 min Scan# 813

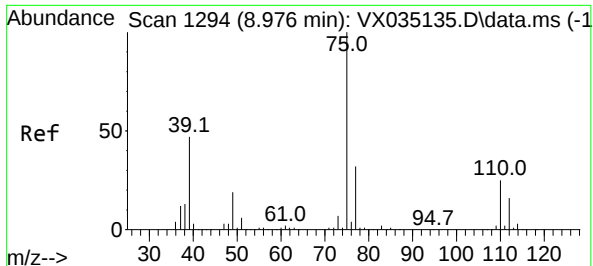
Delta R.T. 0.006 min

Lab File: VX035148.D

Acq: 19 Apr 2023 01:20

Tgt Ion: 78 Resp: 23228

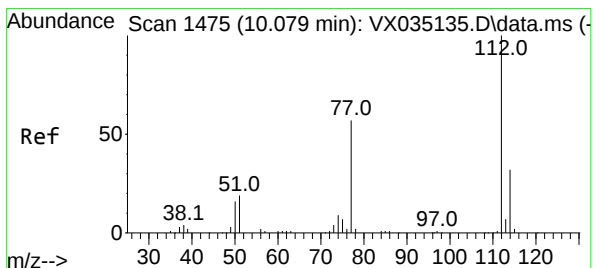
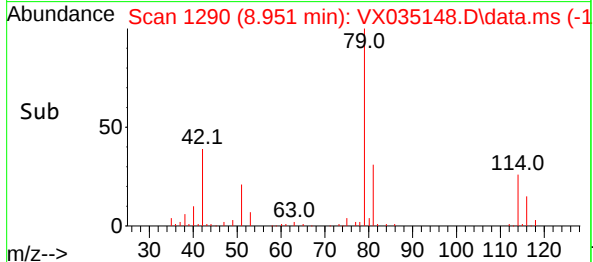
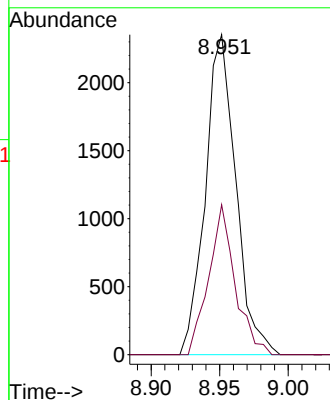
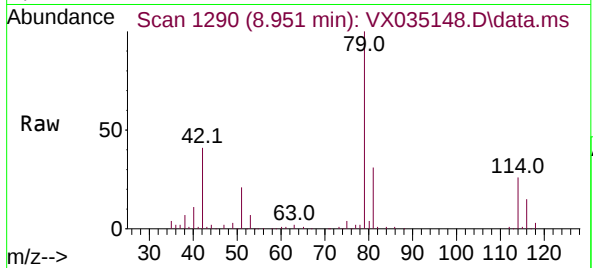




#44
trans-1,3-Dichloropropene
Concen: 0.807 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX035148.D
Acq: 19 Apr 2023 01:20

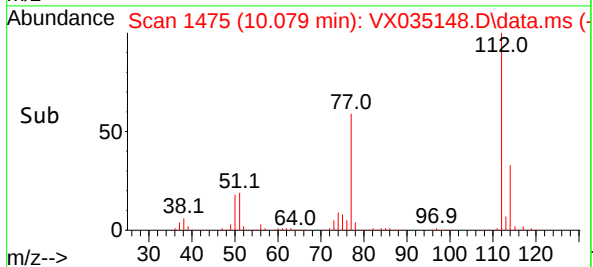
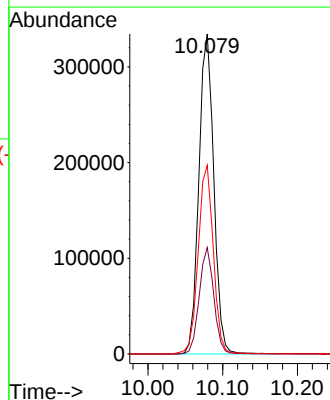
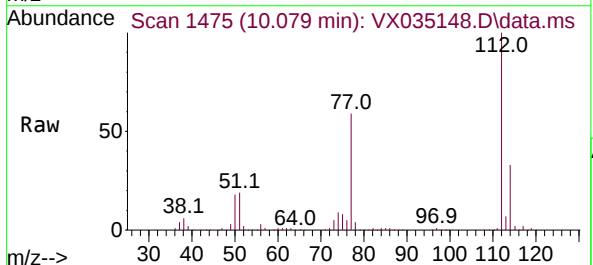
Instrument :
MSVOA_X
ClientSampleId :
COMM4

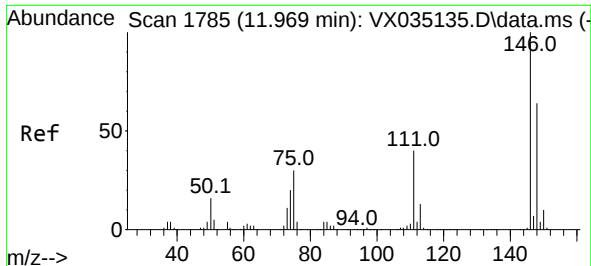
Tgt Ion: 75 Resp: 3638
Ion Ratio Lower Upper
75 100
77 46.8 22.0 40.8#



#51
Chlorobenzene
Concen: 53.318 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035148.D
Acq: 19 Apr 2023 01:20

Tgt Ion: 112 Resp: 463252
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 58.9 47.0 70.6

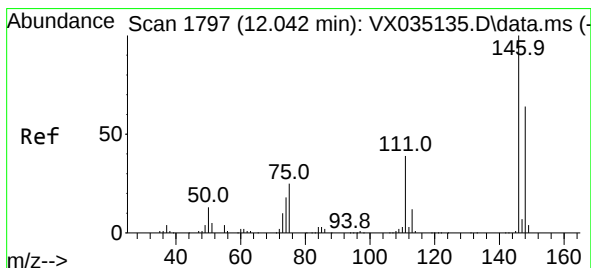
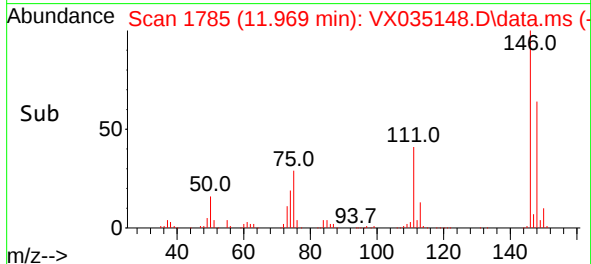
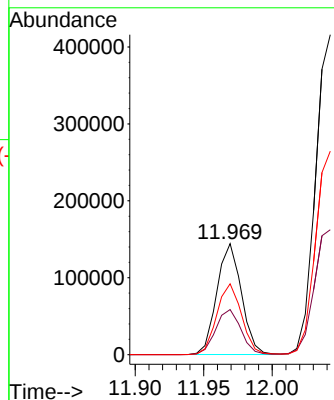
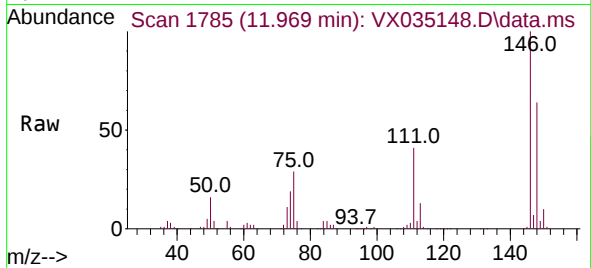




#64
1,3-Dichlorobenzene
Concen: 29.239 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035148.D
Acq: 19 Apr 2023 01:20

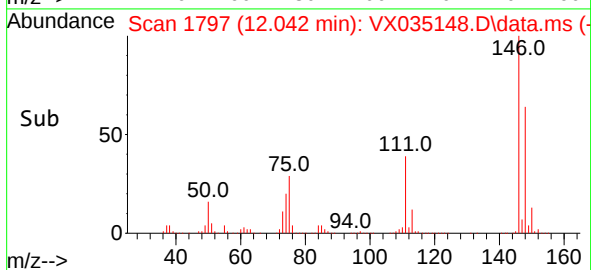
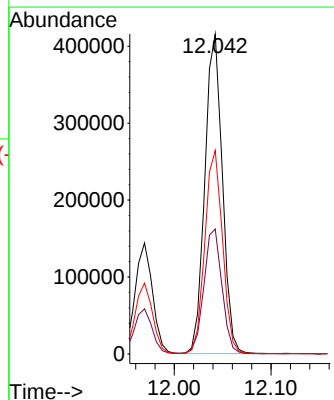
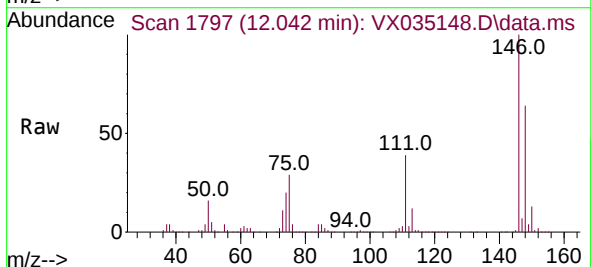
Instrument :
MSVOA_X
ClientSampleId :
COMM4

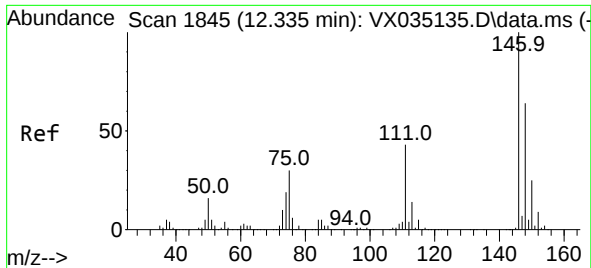
Tgt Ion:146 Resp: 180460
Ion Ratio Lower Upper
146 100
111 40.6 28.9 53.7
148 63.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 83.070 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035148.D
Acq: 19 Apr 2023 01:20

Tgt Ion:146 Resp: 524626
Ion Ratio Lower Upper
146 100
111 39.0 27.9 51.7
148 63.6 45.9 85.3

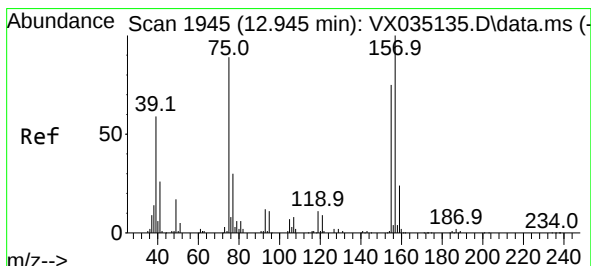
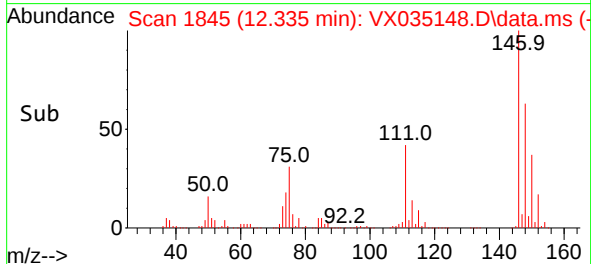
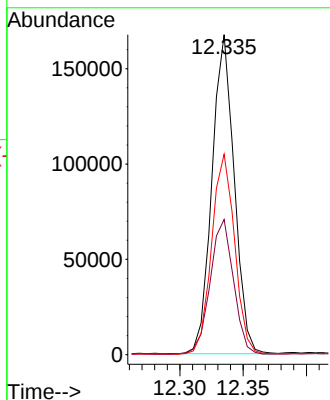
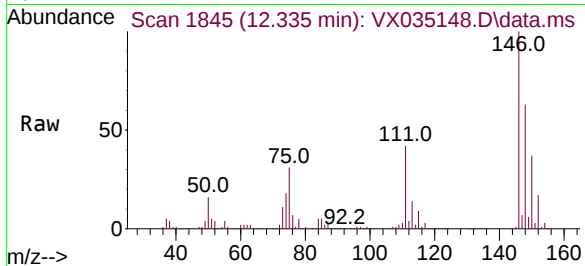




#67
1,2-Dichlorobenzene
Concen: 32.750 ug/L
RT: 12.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035148.D
Acq: 19 Apr 2023 01:20

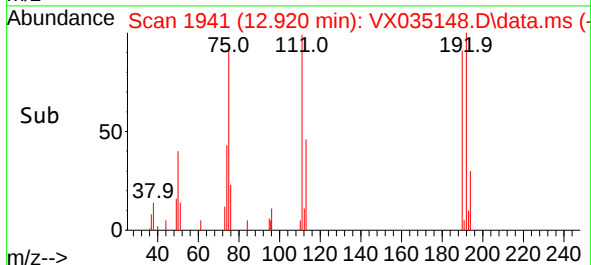
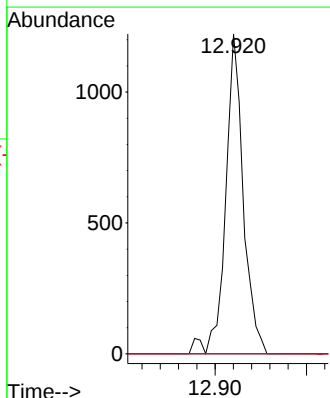
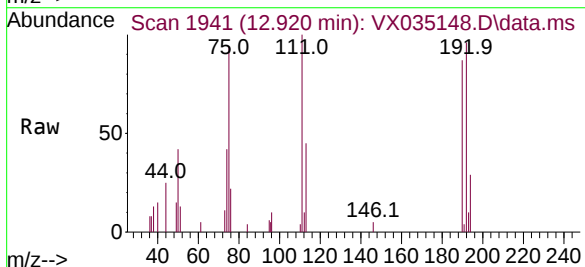
Instrument :
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ClientSampleId :
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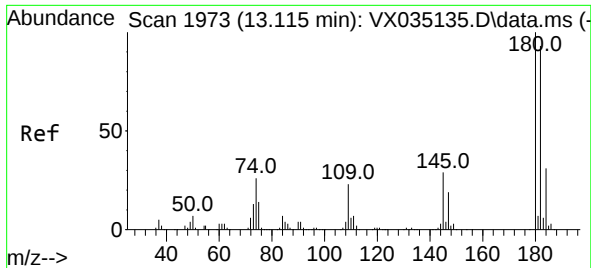
Tgt Ion:146 Resp: 204949
Ion Ratio Lower Upper
146 100
111 42.2 34.7 52.1
148 62.7 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 1.815 ug/L
RT: 12.920 min Scan# 1941
Delta R.T. -0.024 min
Lab File: VX035148.D
Acq: 19 Apr 2023 01:20

Tgt Ion: 75 Resp: 1646
Ion Ratio Lower Upper
75 100
155 0.0 69.9 104.9#
157 0.0 90.4 135.6#





#69

1,3,5-Trichlorobenzene

Concen: 0.911 ug/L

RT: 13.109 min Scan# 1973

Delta R.T. -0.006 min

Lab File: VX035148.D

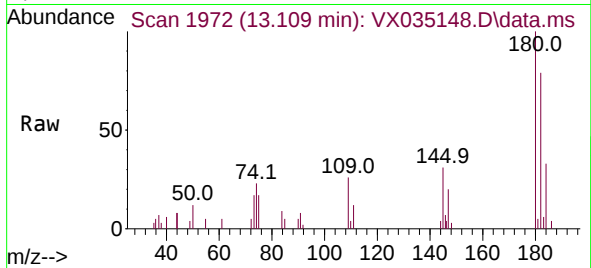
Acq: 19 Apr 2023 01:20

Instrument :

MSVOA_X

ClientSampleId :

COMM4



Tgt Ion:180 Resp: 3476

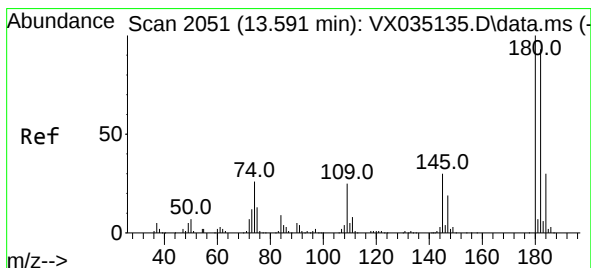
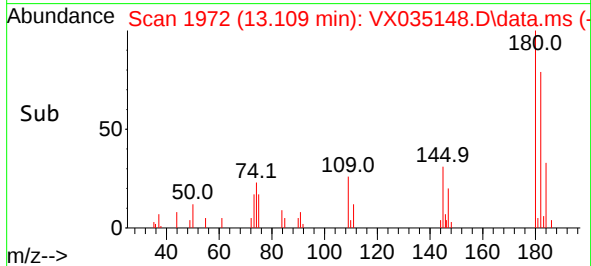
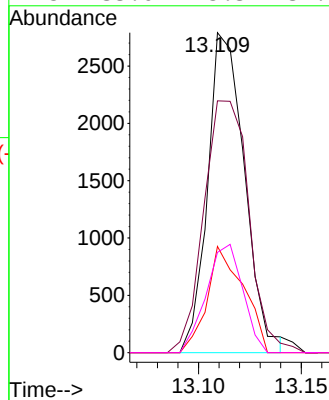
Ion Ratio Lower Upper

180 100

182 96.0 75.4 113.0

184 32.9 23.8 35.8

145 33.6 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 99.465 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX035148.D

Acq: 19 Apr 2023 01:20

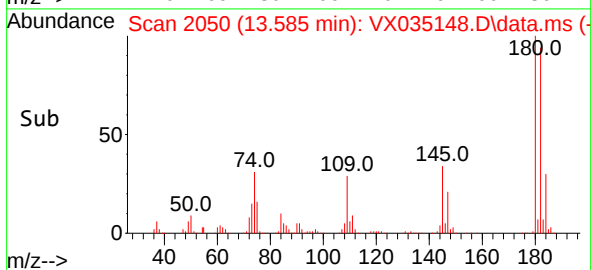
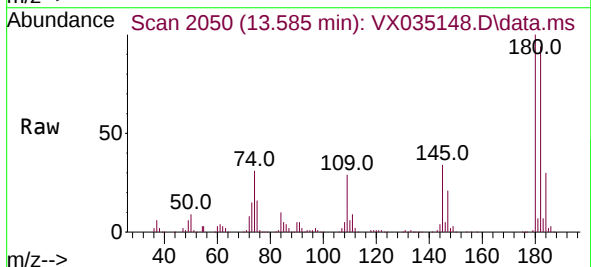
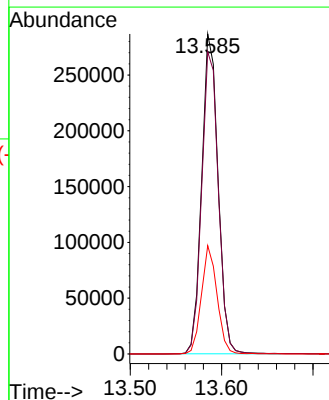
Tgt Ion:180 Resp: 355362

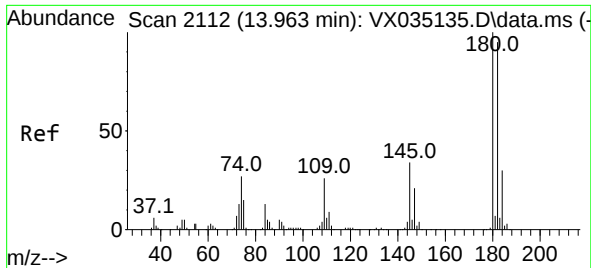
Ion Ratio Lower Upper

180 100

182 96.2 76.6 114.8

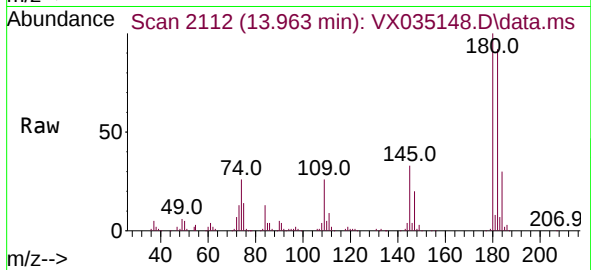
145 32.4 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 23.194 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035148.D
 Acq: 19 Apr 2023 01:20

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM4



Tgt Ion:	180	Resp:	81807
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.0	112.6
145	33.4	27.1	40.7

